

Amendments to the Claims

LISTING OF CLAIMS

1. (Currently Amended) A method ~~Method~~ for synchronizing a clock of a traffic monitoring system, comprising of periodically transmitting a synchronization signal to the traffic monitoring system from a remote location, wherein said ~~which~~ signal forms and indication of the exact time, comparing the time indicated by the clock with the synchronization signal, and adjusting the time indicated by the clock if different ~~this differs~~ from the synchronization signal wherein, ~~characterized in that~~ the synchronization signal is transmitted from a satellite.
2. (Currently amended) The method of ~~Method as claimed in~~ claim 1, wherein said ~~characterized in that~~ the satellite is a navigation satellite and the location of the system is also determined from the received synchronization signal.
3. (Currently amended) The method of ~~Method as claimed in~~ claim 2, wherein ~~characterized in that~~ the time derived from the received synchronization signal is adjusted to the location determined on the basis of the synchronization signal.
4. (Currently amended) The method of claims through 3, wherein ~~Method as claimed in any of the foregoing claims, characterized in that~~ the operation of the traffic monitoring system is controlled on the basis of the time and/or location derived from the synchronization signal.
5. (Currently amended) The method of ~~Method as claimed in~~ claim 4, wherein ~~characterized in that~~ a control signal is transmitted to the traffic monitoring system along with the synchronization signal.
6. (Currently amended) A system ~~System~~ for monitoring traffic; comprising ~~means for monitoring~~ a traffic situation monitor, at least one clock connected to the traffic situation monitoring ~~means and means connected to the at least one clock for~~ and to a synchronizing thereof, which ~~wherein the synchronizing means are~~ is adapted to receive a synchronization signal, to compare the time indicated by the clock with said ~~the~~ synchronization signal and to adjust the time indicated by the clock if different ~~this differs~~ from the synchronization signal,

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wherein ~~characterized in that~~ the synchronizing means ~~are~~ is adapted to receive the synchronization signal from a satellite.

7. (Currently amended) The traffic ~~Traffic~~ monitoring system ~~of as claimed in claim 6~~ 1, wherein said ~~characterized in that~~ the satellite is a navigation satellite, and the synchronizing means ~~are~~ is adapted to determine the location of the system from the received synchronization signal.

8. (Currently amended) The traffic ~~Traffic~~ monitoring system ~~of as claimed in claim 7~~, wherein said ~~characterized in that~~ the synchronizing means ~~are~~ is adapted to adjust the time derived from the received synchronization signal to the location of the system as determined on the basis of the synchronization signal.

9. (Currently amended) The traffic ~~Traffic~~ monitoring system ~~as claimed in any of the foregoing claims according to claims 6 through 8 further comprising a~~ characterized by controller means which ~~are~~ is connected to the synchronizing means ~~and which are~~ is adapted to control the operation of the traffic monitoring system on the basis of the time and/or location derived from the synchronization signal.

10. (Currently amended) The traffic ~~Traffic~~ monitoring system ~~as claimed in claim 9 according to claims 6 through 8 wherein~~ characterized in that the synchronizing means ~~are~~ is adapted to receive and pass on to the controller means a control signal transmitted together with the synchronization signal.

11. (Currently amended) The traffic ~~Traffic~~ monitoring system ~~as claimed in claim 9 or 10 according to claims 6 through 8 wherein~~ characterized in that the monitoring means ~~are~~ is adapted to record the monitored traffic situation on the basis of a recording signal which is generated by the controller means on the basis of a criterion, wherein the controller means ~~are~~ is adapted to adjust the criterion to the time and/or location, optionally on the basis of the control signal transmitted together with the synchronization signal.